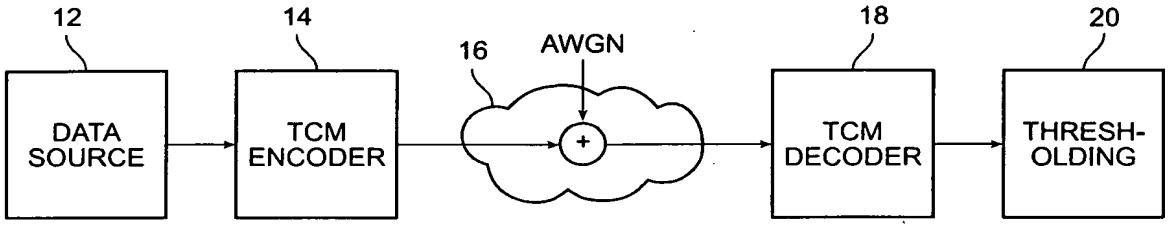

FIG. 1

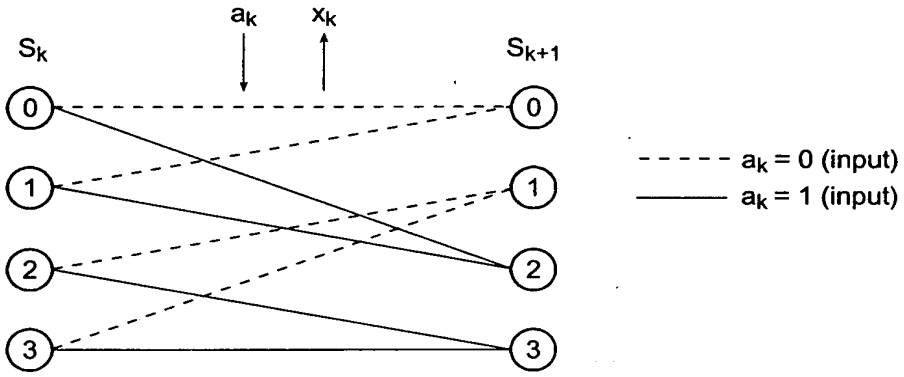

FIG. 2

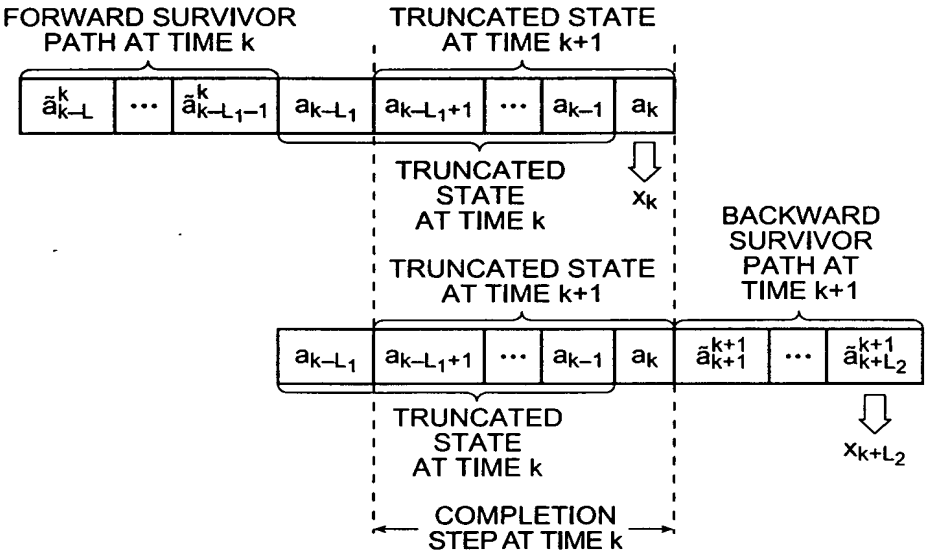

FIG. 3

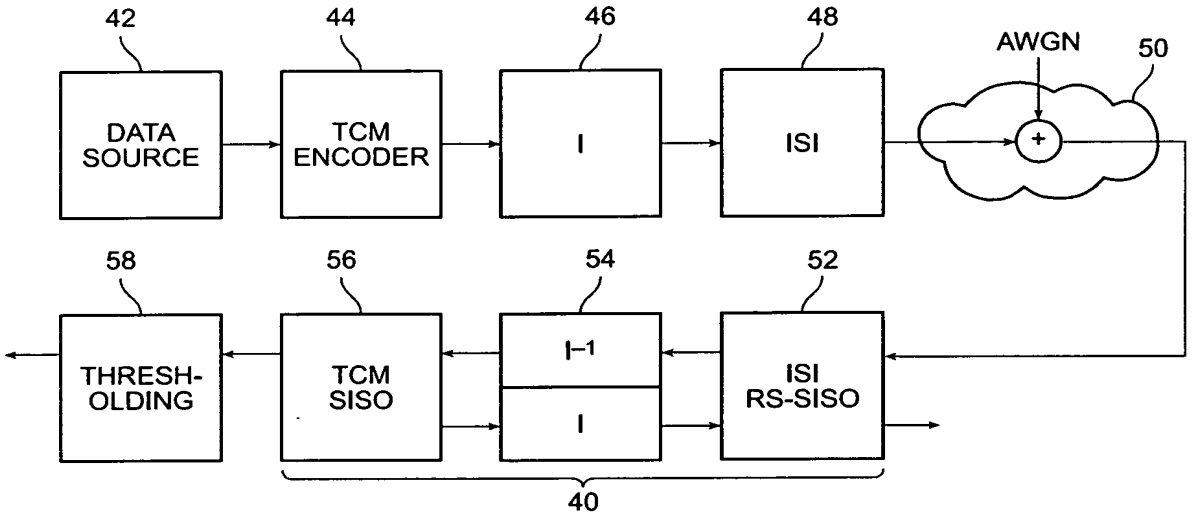

FIG. 4

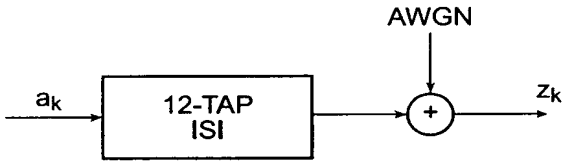

FIG. 5A

FIG. 5B

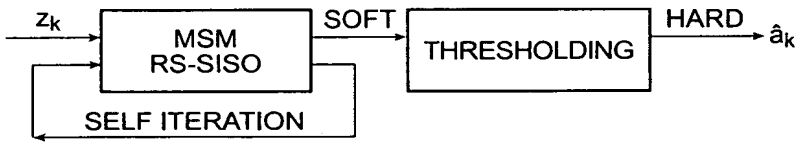

FIG. 5C

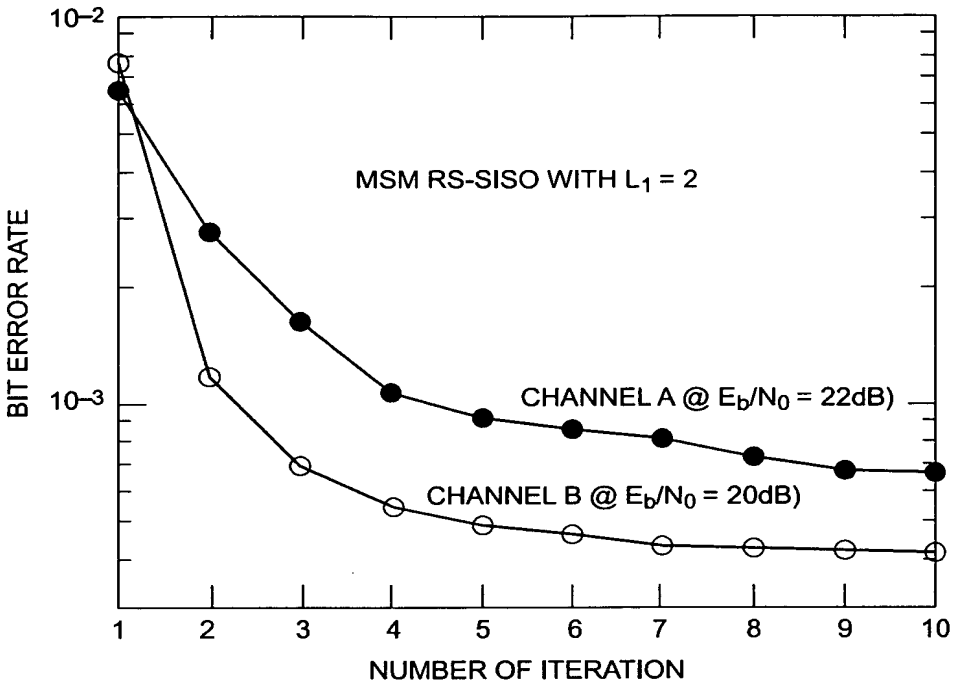
10–2
10–3
BIT ERROR RATE
MSM RS-SISO WITH L1 = 2
CHANNEL A @ Eb/N0 = 22dB)
CHANNEL B @ Eb/N0 = 20dB)
1
2
3
4
5
6
7
8
9
10
NUMBER OF ITERATION

FIG. 6

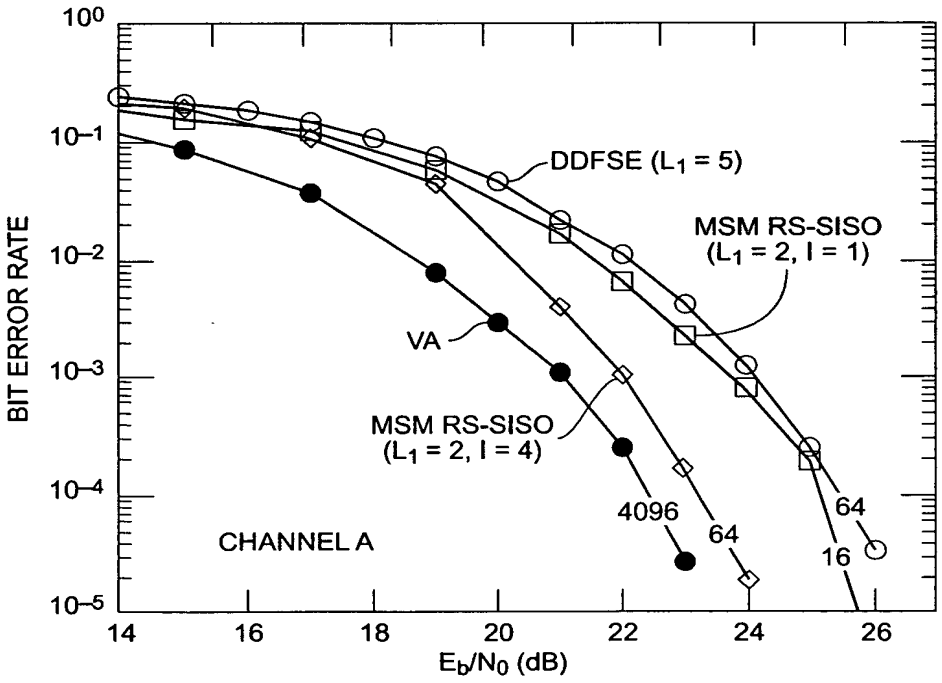
100
10–1
10–2
10–3
10–4
10–5
BIT ERROR RATE
DDFSE (L1 = 5)
MSM RS-SISO
(L1 = 2, I = 1)
VA
MSM RS-SISO
(L1 = 2, I = 4)
4096
64
64
16
CHANNEL A
14
16
18
20
22
24
26
Eb/N0 (dB)

FIG. 7

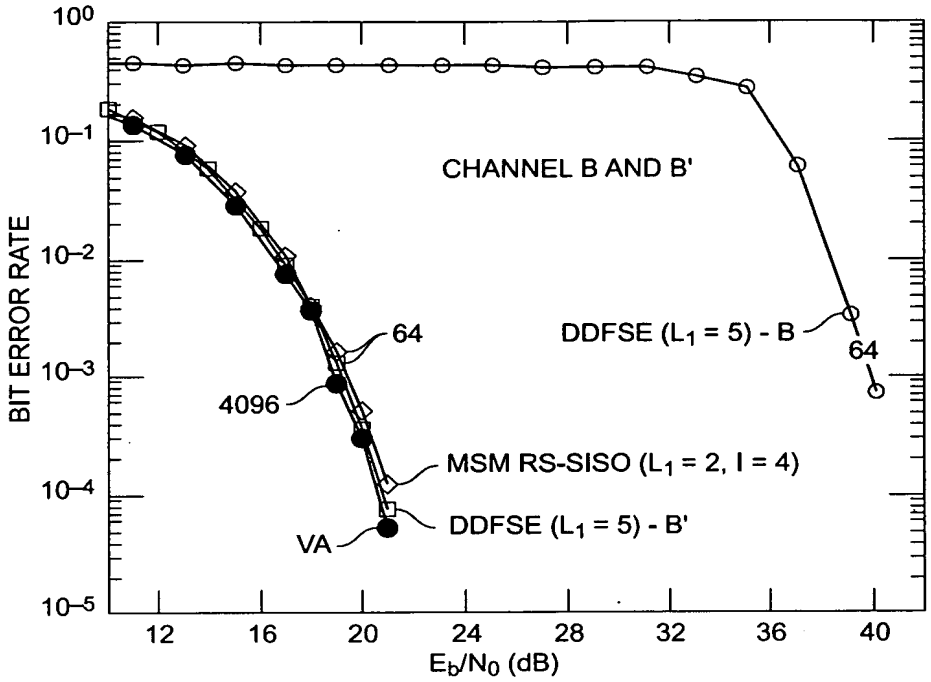

FIG. 8

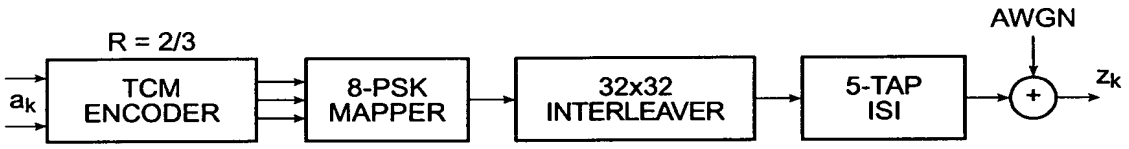

FIG. 9A

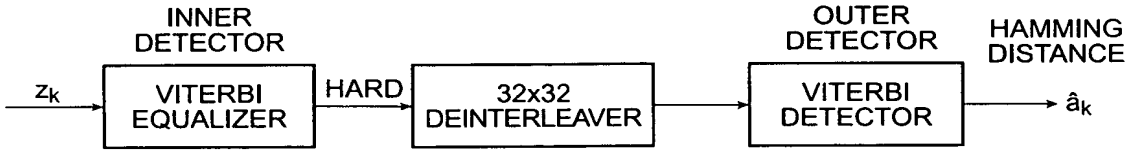

FIG. 9B

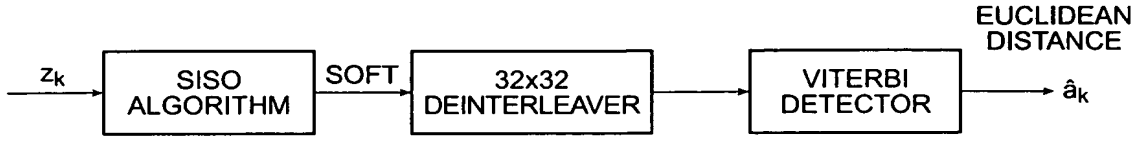

FIG. 9C

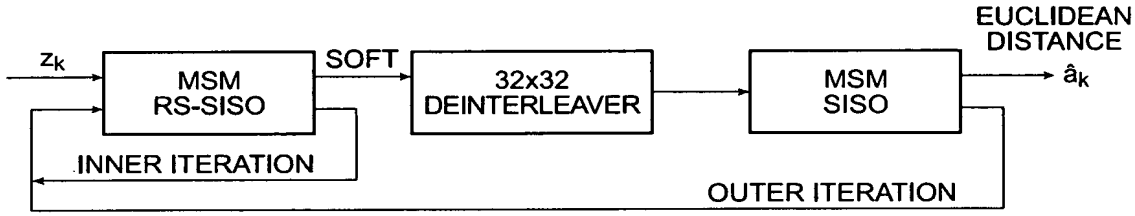

FIG. 9D

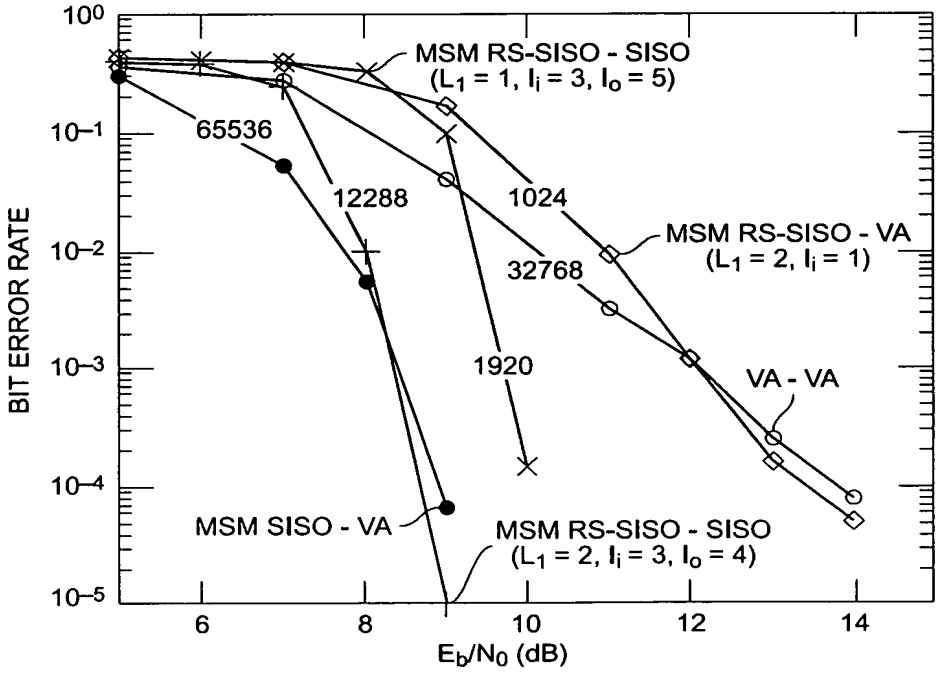

FIG. 10